

Docket No. 214814US0

IN RE APPLICATION OF: Naomichi MIYAKAWA

SERIAL NO: 09/975,262

FILED: October 12, 2001

FOR: METHOD FOR PRODUCING A SILICON NITRIDE FILTER



"RESPONSE UNDER 37 CFR 1.116-  
EXPEDITED PROCEDURE EXAMINING  
GROUP 1731"

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COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an Amendment under Provisions of 37 CFR 1.116 w/attached marked-up copy in the above identified application.


- ☒ No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- ☐ Additional documents filed herewith:

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	16	MINUS	20	0	x \$18 =	\$0.00
INDEPENDENT	2	MINUS	3	0	x \$84 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$280 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
		TOTAL				\$0.00

- ☐ A check in the amount of \$0.00 is attached.
- ☒ Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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214814US0



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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IN RE APPLICATION OF:

:

Naomichi MIYAKAWA

: GROUP ART UNIT: 1731

SERIAL NO.: 09/975,262

:

FILED: OCTOBER 12, 2001

: EXAMINER: FIORILLA, C.

FOR: METHOD FOR PRODUCING A  
SILICON NITRIDE FILTER

"RESPONSE UNDER 37 CFR 1.116-  
EXPEDITED PROCEDURE EXAMINING  
GROUP 1731"

AMENDMENT UNDER PROVISIONS OF 37 CFR 1.116

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Responsive to the Official Action of March 7, 2003, please amend the above-identified application as follows.

IN THE CLAIMS

Please cancel Claims 3, 7 and 8 and amend Claims 1 and 9 to read as follows:

--1. (Twice Amended) A method for producing a silicon nitride filter, which comprises:

heat-treating in an atmosphere containing substantially only nitrogen to one that contains no oxygen a green body comprising:

from 35 to 90 wt % of silicon nitride particles having an average particle diameter of from 1 to 30  $\mu\text{m}$ ,

from 5 to 60 wt % of a pore-forming agent of spherical organic polymer particles ranging in size from 20 to 100  $\mu\text{m}$  and